

Claims

1. A vehicle bumper device comprising:
an impact face being attachable to a vehicle in a substantially upright position; and
an attaching means connecting the impact face to the vehicle, the attaching means
being arranged upon impact to cause the impact face to move upwards and inwards in
relation to the vehicle while maintaining said essentially upright state.
2. The vehicle bumper device according to claim 1, wherein the impact face is a part
adapted to be mounted in a forwardly protruding position in relation to said vehicle.
3. The vehicle bumper device according to claim 1, wherein the attaching
means includes at least one lateral attachment member arranged to extend in a lateral
direction in relation to said impact face.
4. The vehicle bumper device according to claim 3, wherein the at least one lateral
attachment member is arranged to be slightly inclined in a downward direction in relation
to a transversal plane connecting the impact face and the vehicle.
5. The vehicle bumper device according to claim 1, wherein the attaching
means includes a plurality of distal end parts through which the attaching means are
connected to the impact face and distal end parts through which the attaching means are
attachable to the vehicle.
6. The vehicle bumper device according to claim 5, wherein the distal end parts
include a plurality of areas arranged to permit folding.
7. The vehicle bumper device according to claim 6, wherein the plurality of
areas are arranged to permit folding comprise foldable notches.
8. The vehicle bumper device according to claim 1, wherein the impact face is a
plurality of deformable lamellae being regularly spaced, such that the plurality of the
deformable lamellae extends over substantially the entire impact face in a vertical
direction.
9. A method for moving an impact face of a vehicle bumper device upwards and
inwards in relation to a vehicle upon impact applied on said impact face, wherein
said impact face is attached to a vehicle in an essentially upright state through at
least one lateral attachment member, which at least one lateral attachment
member is connected to said impact face and attached to said vehicle through
distal end parts presenting areas permitting folding, whereby the at least one
lateral attachment member is inclined downwards in relation to a transversal
plane connecting said impact face and said vehicle, the method comprising:

Colliding an object with the impact face; and
Rotating the impact face upwards and inwards in relation to said vehicle while the impact face maintains a substantially upright position.